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Response  
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Date June 17, 2003

Angela S. Long  
Angela S. Long

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

Applicant : Michael S. Kappes

JUN 25 2003

Application No. : 09/164,504

Technology Center 2600

Filed : September 30, 1998

For : ECHO CANCELING METHOD AND APPARATUS FOR  
DIGITAL DATA COMMUNICATION SYSTEM

Examiner : Toan D. Nguyen

Art Unit : 2665

Docket No. : 210149.406

Date : June 17, 2003

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE

Commissioner for Patents:

In response to the Office Action dated 24 April 2003, please see the remarks herein.

**Remarks/Arguments** begin on page 2 of this paper.

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(To be used for all correspondence  
after initial filing)

Application Number	09/164,504
Filing Date	September 30, 1998
First Named Inventor	Michael S. Kappes
Group Art Unit	2665
Examiner Name	Toan D. Nguyen
Attorney Docket No.	210149.406

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## ENCLOSURES (check all that apply)

Technology Center 2600

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____
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Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Dale R. Cook	 00500 PATENT TRADEMARK OFFICE
Signature		
Date	June 17, 2003	

## CERTIFICATE OF MAILING

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Typed or printed name	Angela S. Long	
Signature		Date: June 17, 2003